

Myton, Utah: 84052 (435) 646-4825, FAX: (435) 646-3031

December 15, 2008

State of Utah

Division of Oil, Gas & Mining

Attn: Diana Mason

1594 West North Temple - Suite 1210

P.O. Box 145801

Salt Lake City, Utah 84114-5801

**RECEIVED** 

JAN 1 3 2009

DIV. OF OIL, GAS & MINING

RE: Applications for Permit to Drill

Federal 13-19-8-16	Federal 2-29-8-16	Federal 6-29-8-16
Federal 14-19-8-16	Federal 3-29-8-16	Federal 11-29-8-16
Federal 15-19-8-16	Federal 4-29-8-16	Federal 12-29-8-16
Federal 16-19-8-16	Federal 5-29-8-16	Federal 13-29-8-16

#### Dear Diana:

Enclosed find APD's on the above referenced wells. The proposed 13-19-8-16 and 14-19-8-16 locations are Exception Locations. Our Land Department will send you the required Exception Location Letters. If you have any questions, feel free to give either Daye Allred or myself a call.

Sincerely.

Mandie Crozier

Regulatory Specialist

mc

enclosures

Form 3160-3 (August 2007)

# UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

#### FORM APPROVED OMB No. 1004-0137 Expires July 31, 2010

6. If Indian, Allotee or Tribe Name

#### 5. Lease Serial No. UTU-73089

#### APPLICATION FOR PERMIT TO DRILL OR REENTER

APPLICATION FOR PERMIT TO	DRILL OF	NEENIEN		NA	
la. Type of work:  DRILL  REENT	ER			7. If Unit or CA Agreen NA	nent, Name and No.
1b. Type of Well:  Oil Well  Gas Well Other	<b></b> Siı	ngle Zone Multi	ple Zone	8. Lease Name and We Federal 16-19-8-10	
2. Name of Operator Newfield Production Company					3-34147
3a. Address Route #3 Box 3630, Myton UT 84052	1	(include area code) 646-3721		10. Field and Pool, or Ex Monument-Butte	ploratory Lindesi snot
4. Location of Well (Report location clearly and in accordance with a At surface SE/SE 661' FSL 661' FEL 4438' At proposed prod. zone	my State requirem 771 X 85 Y	ents.*) 40.09804 - 110. 15433		11. Sec., T. R. M. or Blk Sec. 19, T8S	
14. Distance in miles and direction from nearest town or post office* Approximately 9.1 miles southwest of Myton, UT				12. County or Parish  Duchesne	13. State
15. Distance from proposed* location to nearest property or lease line, it. (Also to nearest drig. unit line, if any)		3.53	3	g Unit dedicated to this we	
18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft.  Approx. 1436'	19. Proposed	=		BIA Bond No. on file	
21. Elevations (Show whether DF, KDB, RT, GL, etc.) 5566' GL	22. Approxim	nate date work will sta	nt*	23. Estimated duration (7) days from SPUE	to rig release
	24. Attac	hments			
The following, completed in accordance with the requirements of Onshe	ore Oil and Gas	Order No.1, must be a	ttached to th	is form:	
<ol> <li>Well plat certified by a registered surveyor.</li> <li>A Drilling Plan.</li> <li>A Surface Use Plan (if the location is on National Forest System SUPO must be filed with the appropriate Forest Service Office).</li> </ol>		Item 20 above). 5. Operator certifi 6. Such other site BLM.	cation	ormation and/or plans as n	
25. Signature	I .	(Printed/Typed) ie Crozier			Date 18/18/08
Title Regulatory Spelpialis	# · ·	u meng ky <b>de</b> s in e 		- Mary	
Approved by Signature	1.		G. HII	L	Ol-22-09
Title		ENVIRONMENTA		j	ed d C d
Application approval does not warrant or certify that the applicant hol conduct operations thereon.  Conditions of approval, if any, are attached.					
Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a States any false, fictitious or fraudulent statements or representations a	crime for any p s to any matter v	erson knowingly and vithin its jurisdiction.	willfully to r	nake to any department or	agency of the United

(Continued on page 2)

\*(Instructions on page 2)

Federal Approval of this Action is Necessary

RECEIVED
JAN 1 3 2009

DIV. OF OIL, GAS & MINING

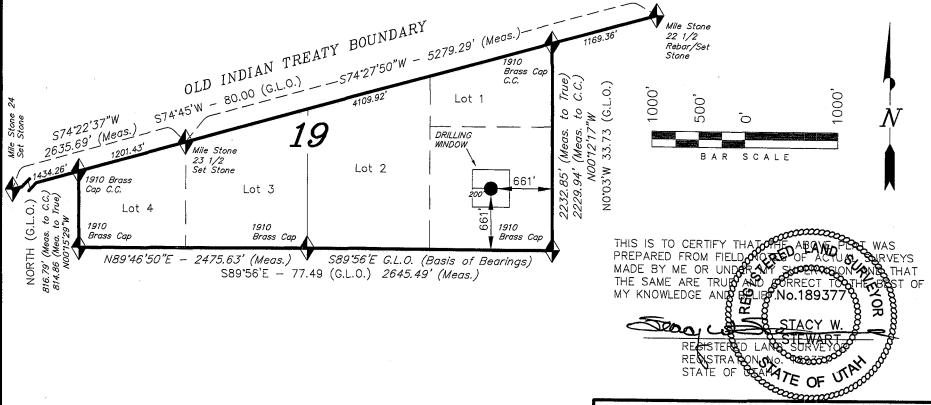
## T8S, R16E, S.L.B.&M.

#### NEWFIELD PRODUCTION COMPANY

WELL LOCATION, NORTH TRAVIS
16-19-8-16, LOCATED AS SHOWN IN THE
SE 1/4 SE 1/4 OF SECTION 19, T8S, R16E,
S.L.B.&M. DUCHESNE COUNTY, UTAH.

#### WELL LOCATION: NORTH TRAVIS 16-19-8-16

ELEV. UNGRADED GROUND = 5566.1'



= SECTION CORNERS LOCATED

BASIS OF ELEV; U.S.G.S. 7-1/2 min QUAD (MYTON SW) NORTH TRAVIS 16-19-8-16 (Surface Location) NAD 83 LATITUDE = 40° 05' 52.77" LONGITUDE = 110° 09' 18.28"

#### TRI STATE LAND SURVEYING & CONSULTING

180 NORTH VERNAL AVE. – VERNAL, UTAH 84078 (435) 781–2501

DATE SURVEYED: 10-17-08	SURVEYED BY: C.M.
DATE DRAWN: 10-20-08	DRAWN BY: F.T.M.
REVISED:	SCALE: 1" = 1000'

#### NEWFIELD PRODUCTION COMPANY FEDERAL 16-19-8-16 SE/SE SECTION 19, T8S, R16E DUCHESNE COUNTY, UTAH

#### ONSHORE ORDER NO. 1

#### **DRILLING PROGRAM**

#### 1. GEOLOGIC SURFACE FORMATION:

Uinta formation of Upper Eocene Age

#### 2. <u>ESTIMATED TOPS OF IMPORTANT GEOLOGIC MARKERS:</u>

Uinta

0' - 1675'

Green River

1675'

Wasatch

6575'

Base of Moderately Saline Ground Water @ 5250'

#### 3. <u>ESTIMATED DEPTHS OF ANTICIPATED WATER</u>, OIL, GAS OR MINERALS:

Green River Formation 1675' - 6575' - Oil

#### 4. PROPOSED CASING PROGRAM

Please refer to the Monument Butte Field Standard Operation Procedure (SOP).

#### 5. MINIMUM SPECIFICATIONS FOR PRESSURE CONTROL:

Please refer to the Monument Butte Field SOP. See Exhibit "C".

#### 6. TYPE AND CHARACTERISTICS OF THE PROPOSED CIRCULATION MUDS:

Please refer to the Monument Butte Field SOP.

#### 7. <u>AUXILIARY SAFETY EQUIPMENT TO BE USED:</u>

Please refer to the Monument Butte Field SOP.

#### 8. TESTING, LOGGING AND CORING PROGRAMS:

Please refer to the Monument Butte Field SOP.

#### 9. ANTICIPATED ABNORMAL PRESSURE OR TEMPERATURE:

The anticipated maximum bottom hole pressure is 1800 psi. It is not anticipated that abnormal temperatures will be encountered.

#### 10. ANTICIPATED STARTING DATE AND DURATION OF THE OPERATIONS:

Please refer to the Monument Butte Field SOP.

#### NEWFIELD PRODUCTION COMPANY FEDERAL 16-19-8-16 SE/SE SECTION 19, T8S, R16E DUCHESNE COUNTY, UTAH

#### ONSHORE ORDER NO. 1

#### **MULTI-POINT SURFACE USE & OPERATIONS PLAN**

#### 1. EXISTING ROADS

See attached Topographic Map "A"

To reach Newfield Production Company well location site Federal 16-19-8-16 located in the SE 1/4 SE 1/4 Section 19, T8S, R16E, Duchesne County, Utah:

Proceed southwesterly out of Myton, Utah along Highway 40 - 1.4 miles  $\pm$  to the junction of this highway and UT State Hwy 53; proceed southwesterly -6.8 miles  $\pm$  to it's junction with an existing road to the west; proceed westerly -0.6 miles to it's junction with the beginning of the proposed access road to the west; proceed along the proposed access road  $-1790' \pm$  to the proposed well location.

#### 2. PLANNED ACCESS ROAD

See Topographic Map "B" for the location of the proposed access road.

#### 3. <u>LOCATION OF EXISTING WELLS</u>

Refer to Exhibit "B".

#### 4. <u>LOCATION OF EXISTING AND/OR PROPOSED FACILITIES</u>

All permanent surface equipment will be painted Carlsbad Canyon.

Please refer to the Monument Butte Field Standard Operating Procedure (SOP).

#### 5. <u>LOCATION AND TYPE OF WATER SUPPLY</u>

Newfield Production will transport water by truck for drilling purposes from the following water sources:

Johnson Water District Water Right: 43-7478

Neil Moon Pond

Water Right: 43-11787

Maurice Harvey Pond Water Right: 47-1358

Newfield Collector Well

Water Right: 41-3530 (A30414DV, contracted with the Duchesne County Conservancy District).

Please refer to the Monument Butte Field SOP. See Exhibit "A".

#### 6. SOURCE OF CONSTRUCTION MATERIALS

Please refer to the Monument Butte Field SOP.

#### 7. <u>METHODS FOR HANDLING WASTE DISPOSAL</u>

Please refer to the Monument Butte Field SOP.

#### 8. <u>ANCILLARY FACILITIES</u>

Please refer to the Monument Butte Field SOP.

#### 9. <u>WELL SITE LAYOUT</u>

See attached Location Layout Diagram.

#### 10. PLANS FOR RESTORATION OF SURFACE

Please refer to the Monument Butte Field SOP.

11. <u>SURFACE OWNERSHIP</u> - Bureau Of Land Management (Proposed location and access roads leading to).

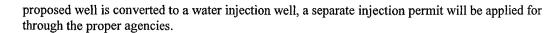
#### 12. OTHER ADDITIONAL INFORMATION

The Paleontological Resource Survey for this area is attached. Paleontological Resource Survey prepared by, Wade E. Miller, 11/11/08. The Archaeological Resource Survey will be forthcoming. See attached report cover page, Exhibit "D".

Newfield Production Company requests a 1140' ROW in Lease UTU-77339 and 650' of disturbed area be granted in Lease UTU-73089 to allow for construction of the planned access road. Refer to Topographic Map "B". A permanent width of 30' and a running surface of 18' is proposed for the planned access road. The construction phase of the planned access road will last approximately (5) days. The planned access road will be an 18' crown road (9' either side of the centerline) with drainage ditches along either side of the proposed road whether it is deemed necessary in order to handle any run-off from normal meteorological conditions that are prevalent to this area. The maximum grade will be less than 8%. There will be no culverts required along this access road. There will be barrow ditches and turnouts as needed along this road. There are no fences encountered along this proposed road. There will be no new gates or cattle guards required. All construction material for this access road will be borrowed material accumulated during construction of the access road.

Newfield Production Company requests a 1140' ROW in Lease UTU-77339 and 650' of disturbed area be granted in Lease UTU-73089 to allow for construction of the proposed surface gas lines. It is proposed that the ROW and disturbed area will temporarily be 50' wide to allow for construction of a 10" or smaller gas gathering line, and a 3" poly fuel gas line, with a permanent width of 30' upon completion of the proposed gas lines. The construction phase of the proposed gas lines will last approximately (5) days. Both lines will tie in to the existing pipeline infrastructure. **Refer to Topographic Map "C."** For a ROW plan of development, please refer to the Monument Butte Field SOP.

Newfield Production Company requests a 1140' ROW in Lease UTU-77339 and 650' of disturbed area be granted in Lease UTU-73089 to allow for construction of the proposed water lines. It is proposed that the ROW and disturbed area will temporarily be 50' wide to allow for construction of a buried 3" steel water injection line and a buried 3" poly water return line, with a permanent width of 30' upon completion of the proposed water return line. The construction phase of the proposed water lines will last approximately (5) days. **Refer to Topographic Map "C."** For a ROW plan of development, please refer to the Monument Butte Field SOP. In the event that the



#### Water Disposal

Immediately upon first production, all produced water will be confined to a steel storage tank. If the production water meets quality guidelines, it is transported to the Ashley, Monument Butte, Jonah, and Beluga water injection facilities by company or contract trucks. Subsequently, the produced water is injected into approved Class II wells to enhance Newfield's secondary recovery project.

Water not meeting quality criteria, is disposed at Newfield's Pariette #4 disposal well (Sec. 7, T9S R19E), State of Utah approved surface disposal facilities, or Federally approved surface disposal facilities.

#### Threatened, Endangered, And Other Sensitive Species

Mountain Plover: If new construction or surface disturbing activities are scheduled to occur between May 15 and June 15, detailed surveys of the area within 0.5 mile of the proposed location and within 300 feet of proposed access routes must be conducted to detect the presence of mountain plovers. All surveys must be conducted in accordance with the survey protocols outlined in the most recent USFWS Survey Protocol. Surveys must be completed prior to initiating new construction or surface disturbing activities. No new construction or surface disturbing activities will be allowed between May 15 and June 15 within a 0.5 mile radius of any documented mountain plover nest site.

#### Reserve Pit Liner

A 16 mil liner with felt is required. Please refer to the Monument Butte Field SOP.

#### Location and Reserve Pit Reclamation

Please refer to the Monument Butte Field SOP.

The following seed mixture will be used on the topsoil stockpile, to the recontoured surface of the reserve pit, and for final reclamation: (All poundages are in pure live seed)

Squirrell Tail	Elymus Elymoides	6 lbs/acre
Siberian Wheatgrass	Agropyron Fragile	2 lbs/acre
Gardner Saltbush	Atriplex Gardneri	1 lbs/acre
Shadscale	Atriplex Confertifolia	1 lbs/acre
Fourwing Saltbush	Atriplex Canescens	1 lbs/acre
Scarlet Globemallow	Sphaeralcea Conccinea	0.20 lbs/acre
Forage Kochia	Kochia Prostrata	0.20 lbs/acre

#### **Details of the On-Site Inspection**

The proposed Federal 16-19-8-16 was on-sited on 11/13/08. The following were present; Dave Allred (Newfield Production), Tim Eaton (Newfield Production), Dave Gordon (Bureau of Land Management), Brandon McDonald (Bureau of Land Management) and James Herford (Bureau of Land Management). Weather conditions were clear and ground cover was 100% open.

#### LESSEE'S OR OPERATORS REPRESENTATIVE AND CERTIFICATION

#### <u>Representative</u>

Name:

Dave Allred

Address:

Route #3 Box 3630

Myton, UT 84052

Telephone:

(435) 646-3721

#### Certification

Please be advised that NEWFIELD PRODUCTION COMPANY is considered to be the operator of well #16-19-8-16 SE/SE Section 19, Township 8S, Range 16E: Lease UTU-73089 Duchesne County, Utah: and is responsible under the terms and conditions of the lease for the operations conducted upon the leased lands. Bond coverage is provided by, Federal Bond #WYB000493.

I hereby certify that the proposed drill site and access route have been inspected, and I am familiar with the conditions which currently exist; that the statements made in this plan are true and correct to the best of my knowledge; and that the work associated with the operations proposed here will be performed by Newfield Production Company and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved. This statement is subject to the provisions of 18 U.S.C. 1001 for the filing of a false statement.

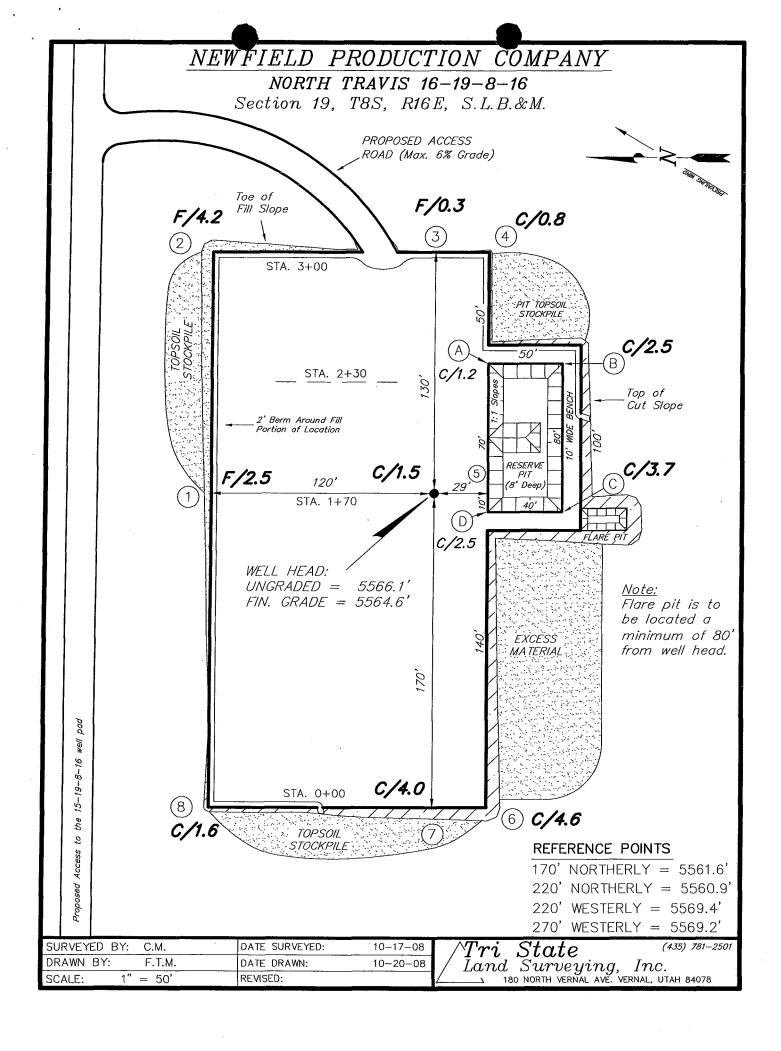
Date

Date

Mandie Crozier

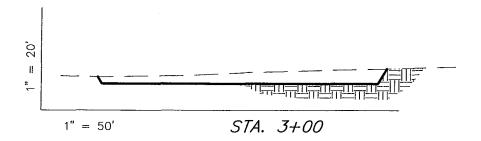
Regulatory Specialist

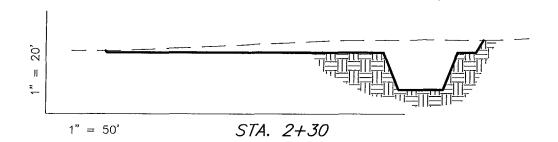
Newfield Production Company

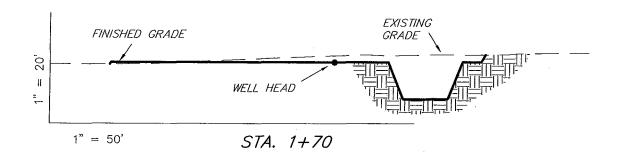


### NEWFIELD PRODUCTION COMPANY

# CROSS SECTIONS NORTH TRAVIS 15-19-8-16









1" = 50'

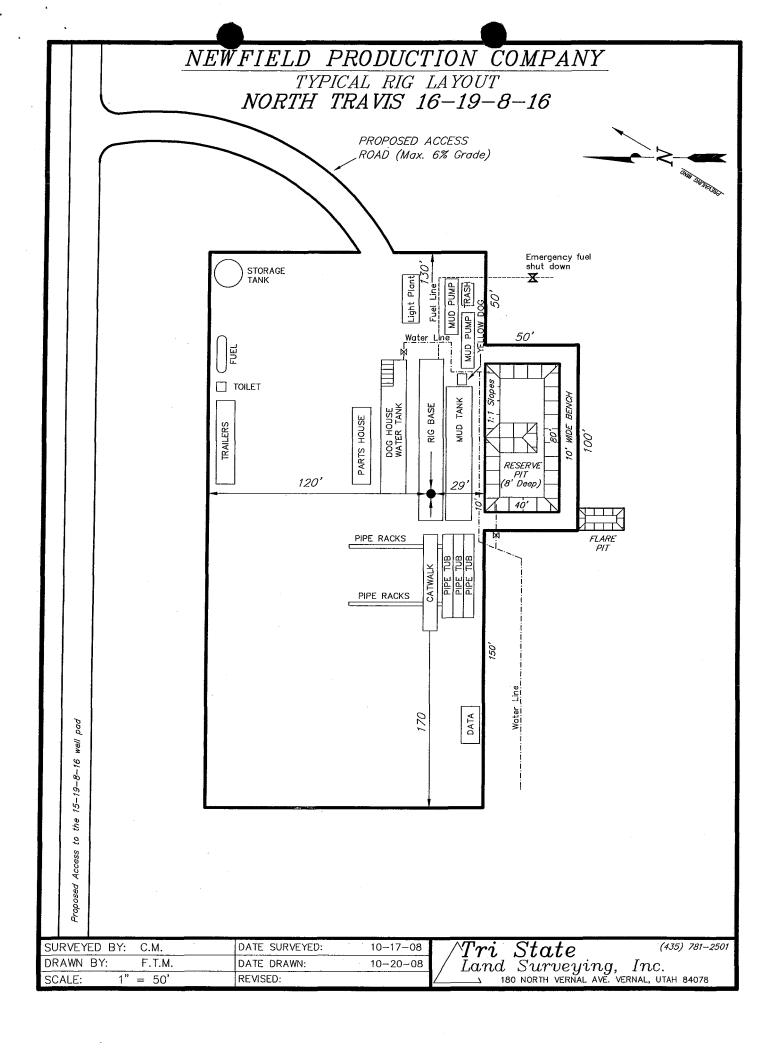
STA. 0+00

	ESTIMATE	D EA	\RTI	HWOR	K (	QUA	NTITI	ES
	(No Shrink or	swell	adj	ustmen	ts	have	been	used)
-	(Exp	ressec	d in	Cubic	Yar	ds)		

ITEM	CUT	FILL	6" TOPSOIL	EXCESS
PAD	1,200	1,200	Topsoil is	0
PIT	640	0	in Pad Cut	640
TOTALS	1,840	1,200	970	640

NOTE: UNLESS OTHERWISE NOTED ALL CUT/FILL SLOPES ARE AT 1.5:1

SURVEYED BY: C.M.	DATE SURVEYED:	10-17-08
DRAWN BY: F.T.M.	DATE DRAWN:	10-20-08
SCALE: 1" = 50'	REVISED:	



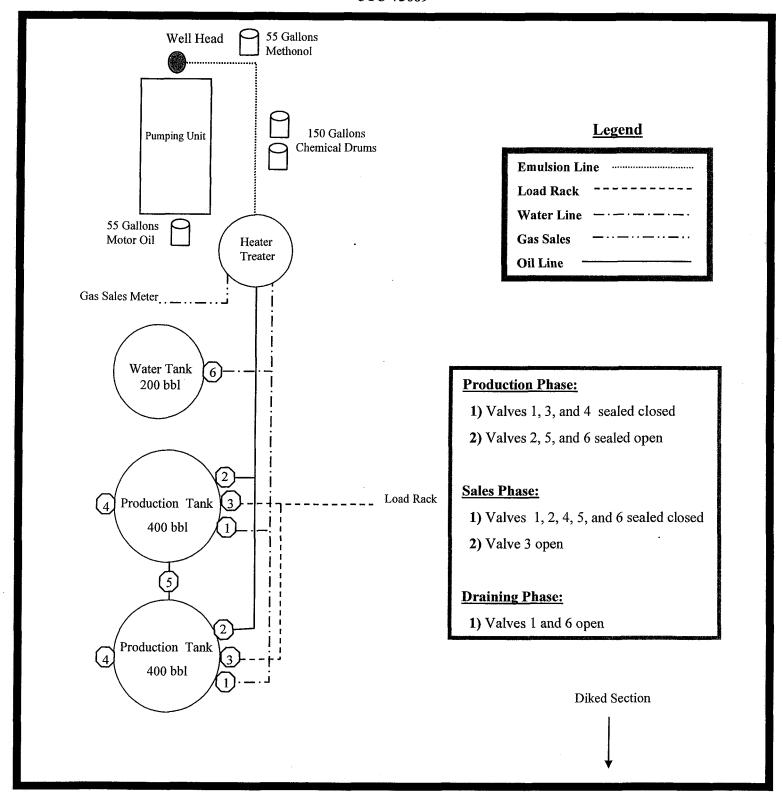
# **Rewfield Production Company Proposed Site Facility Diagram**

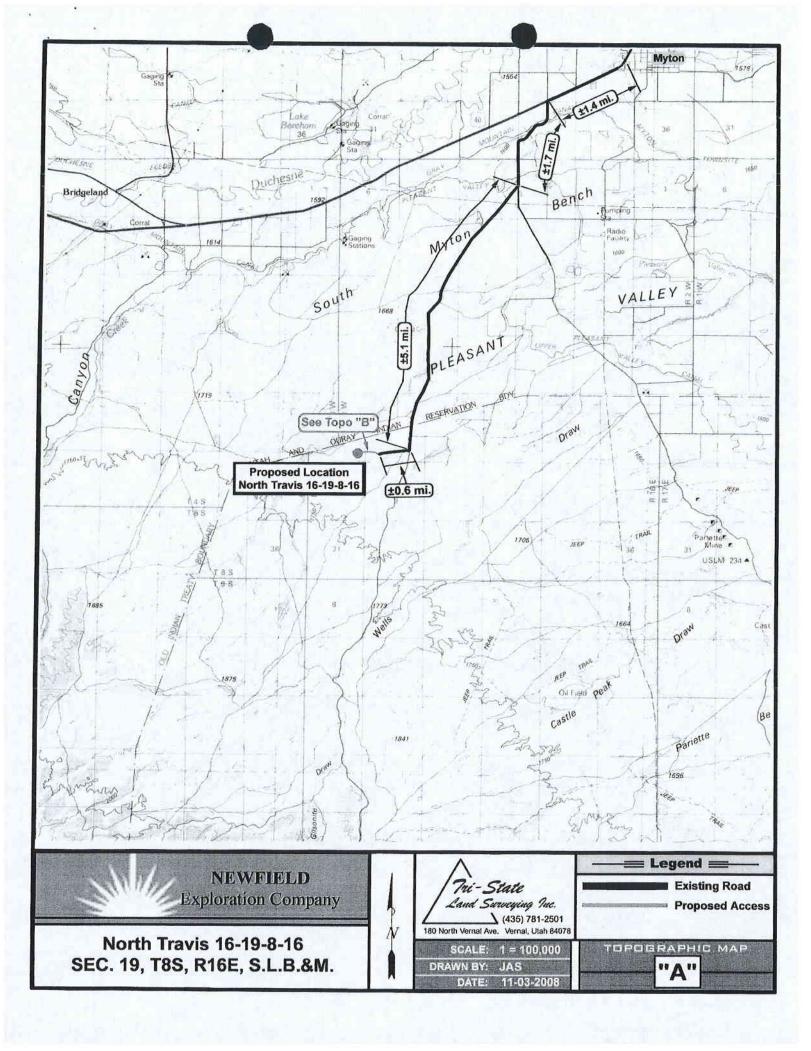
Federal 16-19-8-16

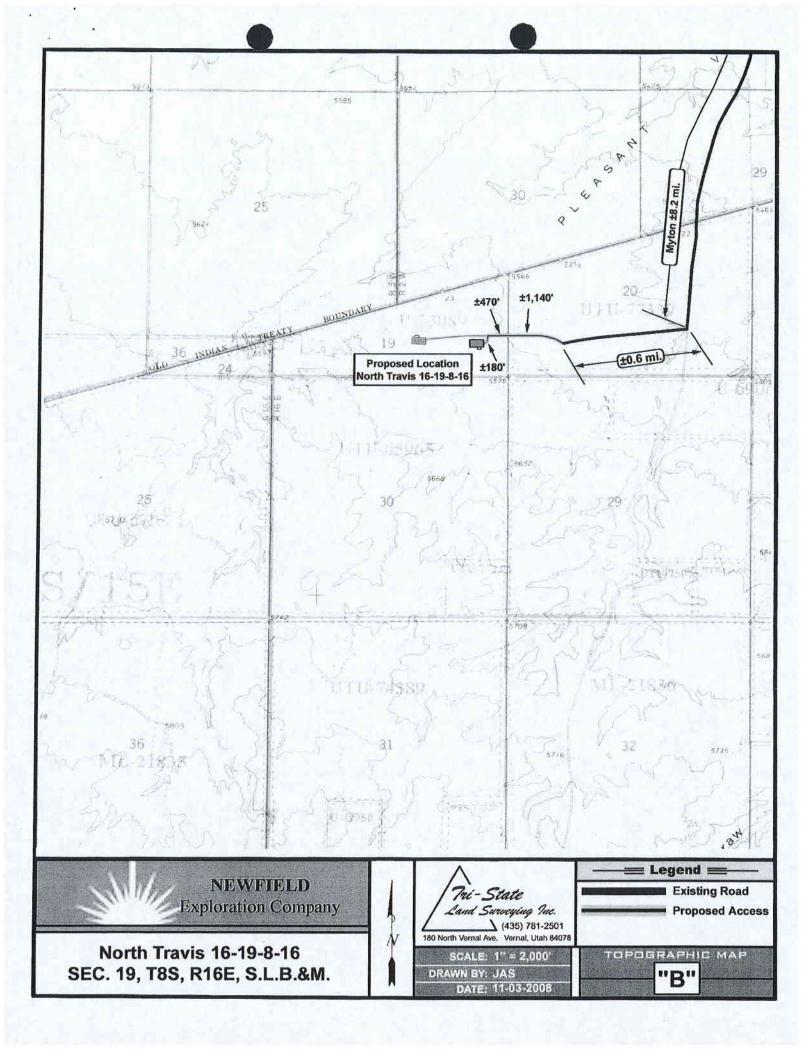
SE/SE Sec. 19, T8S, R16E

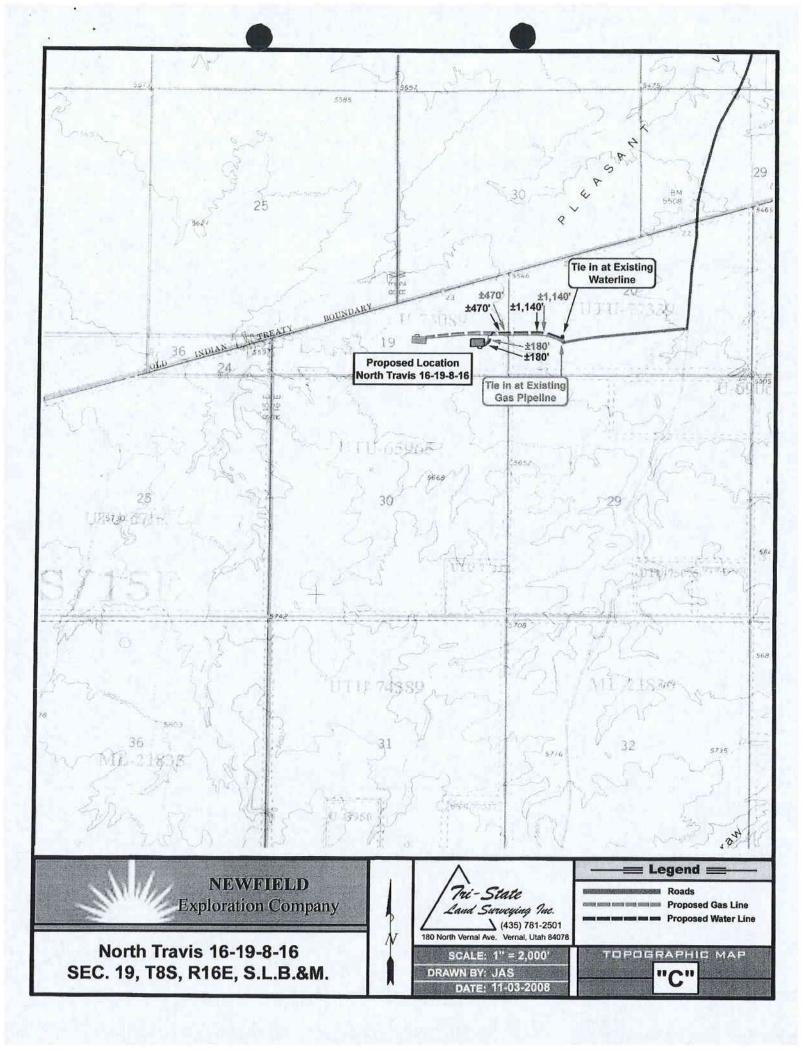
**Duchesne County, Utah** 

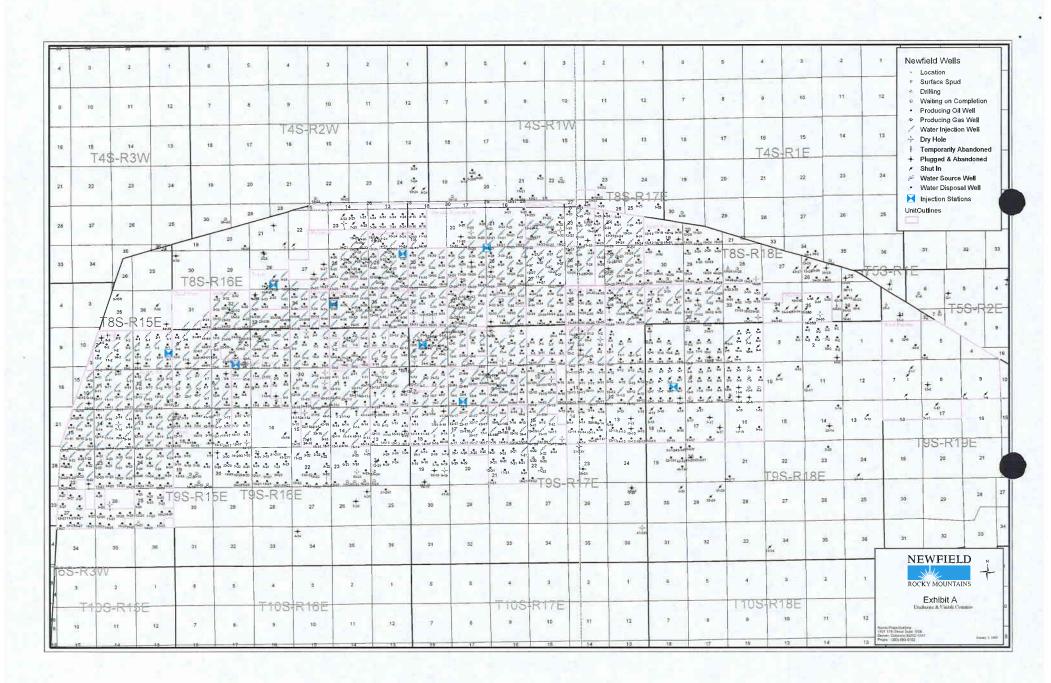
UTU-73089

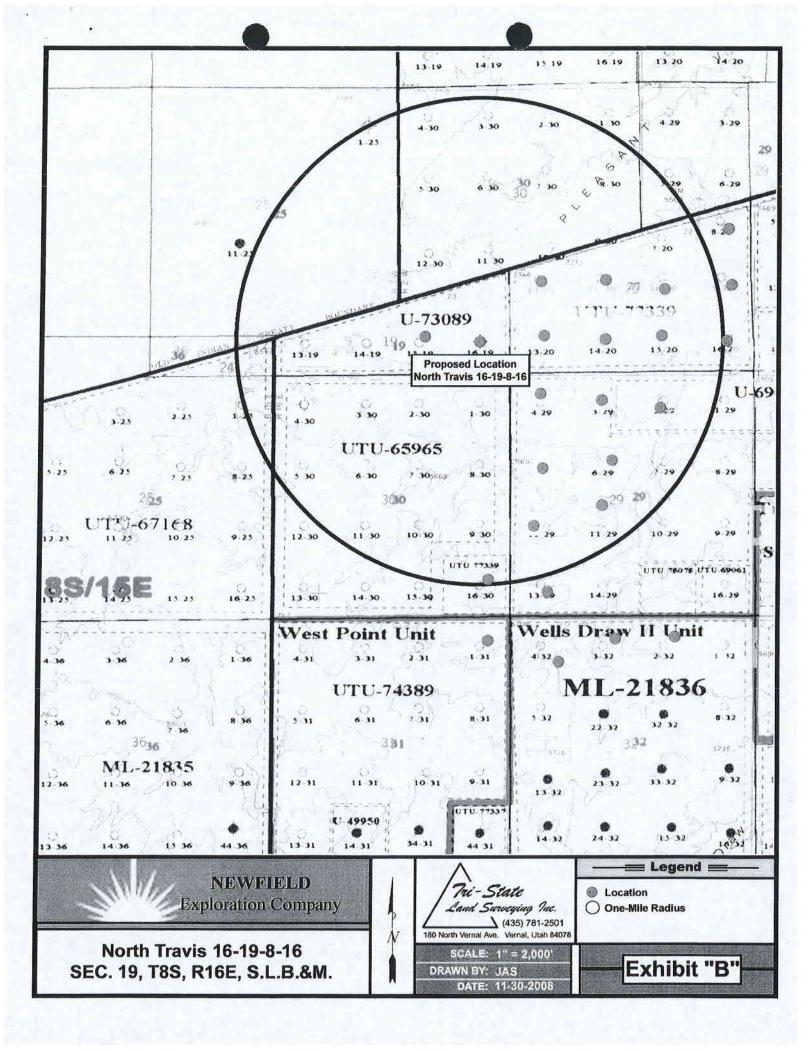






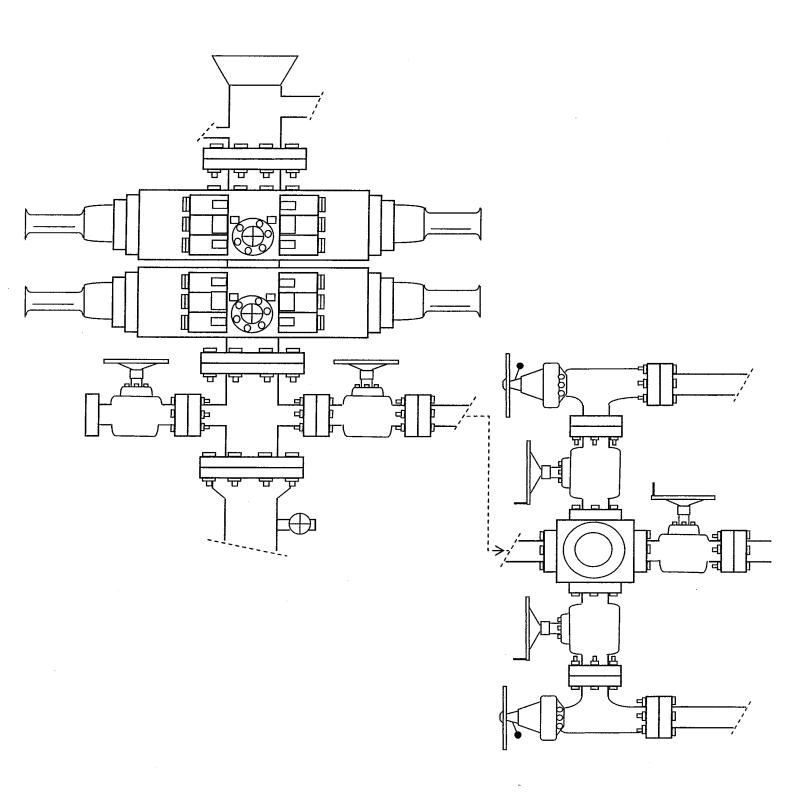






2-M SYSTEM

**Blowout Prevention Equipment Systems** 



**EXHIBIT C** 

Exhibit "D"

## NEWFIELD EXPLORATION COMPANY

# PALEONTOLOGICAL SURVEY OF PROPOSED PRODUCTION DEVELOPMENT AREAS, DUCHESNE COUNTY, UTAH

SE1/4, SW1/4 & SW1/4 & SE1/4, SE1/4, Sec. 2, T 9 S, R 16 E [14, 15 & 16-2-9-16]: SW1/4 & SE1/4, SW1/4 & SE1/4, SE1/4, SE1/4; Sec. 19, T 8 S, R 16 E [13,14,15 & 16-19-8-16]; Section 22, T 8 S, R 16 E (excluding SW1/4, SW1/4 [13-22-8-16]); NW1/4 & SW1/4, NW 1/4 & SW1/4, SW1/4; Section 23, T 8 S, R 16 E 4,5,11,12 & 13-23-8-16]; NE1/4 & NW1/4, NE1/4, All of the NW1/4; SW1/4, NE1/4; NE1/4, NW1/4 & SE1/4, SW1/4; Sec. 27, T 8 S, R 16 E [1,2,3,4,5,6,7,11,12 & 14-27-8-16]; All of the NE1/4; NW1/4, SW1/4 & SE1/4, NE1/4; NW1/4 & SW1/4, SW1/4; Sec. 28, T 8 S, R 16 E [1,2,4,5,6,7,11,12 & 14-28-8-16]; All of Section 29, T 8 S, R 16 E (excluding SW1/4 & SE1/4, SW1/4 [13 & 14-29-8-16])

## REPORT OF SURVEY

Prepared for:

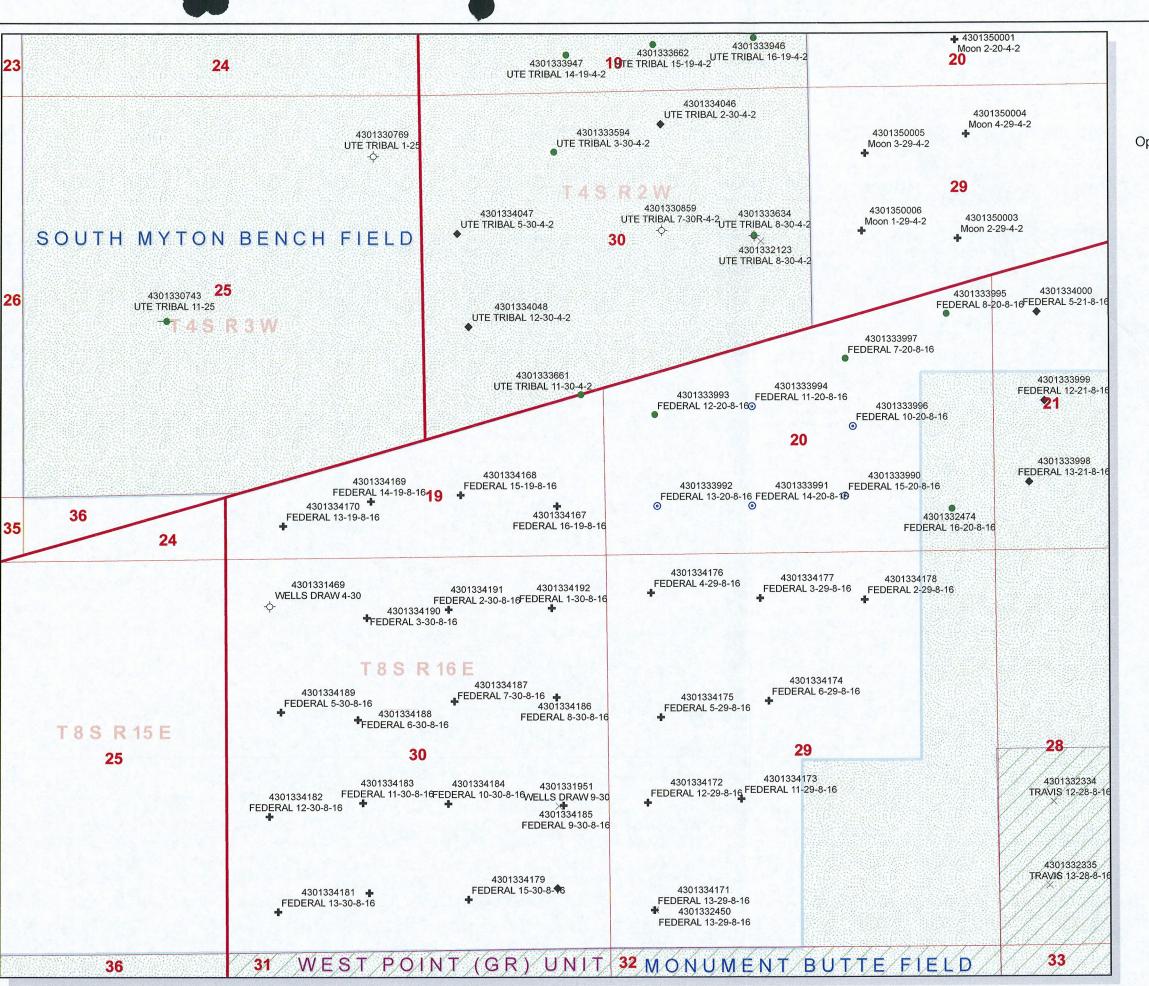
**Newfield Exploration Company** 

Prepared be:

Wade E. Miller Consulting Paleontologist November 11, 2008

	WORK	SHEET		
APPLICATIO	N FOR	PERMIT	TO	DRILL

APD RECEIVED: 01/13/2009	API NO. ASSIGNED: 43-013-34167
WELL NAME: FEDERAL 16-19-8-16  OPERATOR: NEWFIELD PRODUCTION ( N2695 )  CONTACT: MANDIE CROZIER	PHONE NUMBER: 435-646-3721
PROPOSED LOCATION:  SESE 19 080S 160E  SURFACE: 0661 FSL 0661 FEL  BOTTOM: 0661 FSL 0661 FEL  COUNTY: DUCHESNE  LATITUDE: 40.09804 LONGITUDE: -110.1543  UTM SURF EASTINGS: 572085 NORTHINGS: 44387  FIELD NAME: UNDESIGNATED ( 2  LEASE TYPE: 1 - Federal  LEASE NUMBER: UTU-73089  SURFACE OWNER: 1 - Federal	
RECEIVED AND/OR REVIEWED:  Plat  Bond: Fed[1] Ind[] Sta[] Fee[]  (No. WYB000493 )  Potash (Y/N)  Oil Shale 190-5 (B) or 190-3 or 190-13  Water Permit  (No. 43-7478 )  RDCC Review (Y/N)  (Date: )  Fee Surf Agreement (Y/N)  Intent to Commingle (Y/N)	LOCATION AND SITING:  R649-2-3.  Unit: R649-3-2. General
SOP, J STIPULATIONS:  1. Seasof 2. Spacing	Approva



API Number: 4301334167
Well Name: FEDERAL 16-19-8-16

Township 08.0 S Range 16.0 E Section 19

Meridian: SLBM

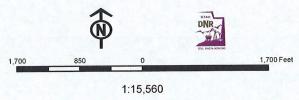
Operator: NEWFIELD PRODUCTION COMPANY

Map Prepared:

Map Produced by Diana Mason









### State of Utah DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA Division Director

January 22, 2009

Newfield Production Company Rt. 3, Box 3630 Myton, UT 84052

Re:

Federal 16-19-8-16 Well, 661' FSL, 661' FEL, SE SE, Sec. 19, T. 8 South, R. 16 East,

Duchesne County, Utah

#### Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann. § 40-6-1 et seq., Utah Administrative Code R649-3-1 et seq., and the attached Conditions of Approval, approval to drill the referenced well is granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-013-34167.

Sincerely,

Gir Th

Gil Hunt

Associate Director

pab **Enclosures** 

cc:

**Duchesne County Assessor** 

Bureau of Land Management, Vernal Office



Operator:	Newfield Production Company				
Well Name & Number Federal 16-19-8-16					
API Number:	43-013-34167				
Lease:	UTU-73089				
Location: SE SE	<b>Sec.</b> 19 <b>T.</b> 8 South <b>R.</b> 16 East				

#### **Conditions of Approval**

#### 1. General

Compliance with the requirements of Utah Admin. R. 649-1 *et seq.*, the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

#### 2. Notification Requirements

Notify the division within 24 hours of spudding the well.

• Contact Carol Daniels at (801) 538-5284.

Notify the Division prior to commencing operations to plug and abandon the well.

• Contact Dustin Doucet at (801) 538-5281 (801) 733-0983 home

#### 3. Reporting Requirements

All required reports, forms and submittals will be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

- 4. State approval of this well does not supersede the required federal approval, which must be obtained prior to drilling.
- 5. This proposed well is located in an area for which drilling units (well spacing patterns) have not been established through an order of the Board of Oil, Gas and Mining (the "Board"). In order to avoid the possibility of waste or injury to correlative rights, the operator is requested, once the well has been drilled, completed, and has produced, to analyze geological and engineering data generated therefrom, as well as any similar data from surrounding areas if available. As soon as is practicable after completion of its analysis, and if the analysis suggests an area larger than the quarter-quarter section upon which the well is located is being drained, the operator is requested to seek an appropriate order from the Board establishing drilling and spacing units in conformance with such analysis by filing a Request for Agency Action with the Board.

	STATE OF UTAH		FORM 9
	DEPARTMENT OF NATURAL RESOUR DIVISION OF OIL, GAS, AND M		<b>5.LEASE DESIGNATION AND SERIAL NUMBER:</b> UTU-73089
SUNDRY NOTICES AND REPORTS ON WELLS			6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
	sals to drill new wells, significantly deepe igged wells, or to drill horizontal laterals.		7.UNIT or CA AGREEMENT NAME: GMBU (GRRV)
1. TYPE OF WELL Oil Well			8. WELL NAME and NUMBER: FEDERAL 16-19-8-16
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COM	PANY		9. API NUMBER: 43013341670000
3. ADDRESS OF OPERATOR: Rt 3 Box 3630 , Myton, UT, 84	435 646-4825 Ext	PHONE NUMBER:	9. FIELD and POOL or WILDCAT: UNDESIGNATED
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0661 FSL 0661 FEL			COUNTY: DUCHESNE
QTR/QTR, SECTION, TOWNSHI Qtr/Qtr: SESE Section: 19	rp, RANGE, MERIDIAN: Township: 08.0S Range: 16.0E Meridian:	S	STATE: UTAH
11. CHE	CK APPROPRIATE BOXES TO INDICA	ATE NATURE OF NOTICE, REPORT	, OR OTHER DATA
TYPE OF SUBMISSION		TYPE OF ACTION	
	□ ACIDIZE □ CHANGE TO PREVIOUS PLANS □ CHANGE WELL STATUS □ DEEPEN □ OPERATOR CHANGE □ PRODUCTION START OR RESUME □ REPERFORATE CURRENT FORMATION □ TUBING REPAIR □ WATER SHUTOFF □ WILDCAT WELL DETERMINATION  MPLETED OPERATIONS. Clearly show all play is to extend the permit to drive	ill this well for one year.	NEW CONSTRUCTION  PLUG BACK  RECOMPLETE DIFFERENT FORMATION  TEMPORARY ABANDON  WATER DISPOSAL  ✓ APD EXTENSION  OTHER:
NAME (PLEASE PRINT) Mandie Crozier	PHONE NUMBE	R TITLE Regulatory Tech	
SIGNATURE N/A	435 646-4825	DATE 1/26/2010	



Sig

#### The Utah Division of Oil, Gas, and Mining

- State of Utah
- Department of Natural Resources

**Electronic Permitting System - Sundry Notices** 

#### Request for Permit Extension Validation Well Number 43013341670000

**API:** 43013341670000 **Well Name:** FEDERAL 16-19-8-16

Location: 0661 FSL 0661 FEL QTR SESE SEC 19 TWNP 080S RNG 160E MER S

Company Permit Issued to: NEWFIELD PRODUCTION COMPANY

**Date Original Permit Issued:** 1/22/2009

The undersigned as owner with legal rights to drill on the property as permitted above, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision. Following is a checklist of some items related to the application, which should be verified.

ire revi	sion. Following is a ch	ecklist of	f some items related t	o the application	on, whi	ch should be	verified.
	ated on private land, h ed? 📗 Yes 連 No	as the ov	wnership changed, if s	so, has the surf	face ag	reement beei	1
	any wells been drilled requirements for this			well which wo	ould aff	ect the spaci	ng or
	nere been any unit or o s proposed well?			that could affe	ct the p	permitting or	operation
	there been any change the proposed location			g ownership, o	r righto	of- way, whic	h could
• Has th	ne approved source of	water fo	or drilling changed? (	Yes 📵 No	•		
	there been any physic je in plans from what v						ıire a
• Is bor	nding still in place, wh	ich cover	rs this proposed well?	Yes	No Ut	proved by t ah Division Gas and Mi	of
nature:	Mandie Crozier	Date:	1/26/2010				
Title:	Regulatory Tech Repre			N COMPANY Da	ite:	January 28,	2010
					1	Mileson	

By: Dolly

STATE OF UTAH  DEPARTMENT OF NATURAL RESOURCES			FORM 9			
	<b>5.LEASE DESIGNATION AND SERIAL NUMBER:</b> UTU-73089					
SUNDF	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:					
Do not use this form for proposition-hole depth, reenter plu DRILL form for such proposals.		7.UNIT or CA AGREEMENT NAME: GMBU (GRRV)				
1. TYPE OF WELL Oil Well			8. WELL NAME and NUMBER: FEDERAL 16-19-8-16			
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COM		9. API NUMBER: 43013341670000				
3. ADDRESS OF OPERATOR: Rt 3 Box 3630 , Myton, UT, 84	<b>PHONE N</b> 435 646-4825 Ext	UMBER:	9. FIELD and POOL or WILDCAT: MONUMENT BUTTE			
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0661 FSL 0661 FEL			COUNTY: DUCHESNE			
QTR/QTR, SECTION, TOWNSHI	IP, RANGE, MERIDIAN: Township: 08.0S Range: 16.0E Meridian: S		STATE: UTAH			
11. CHE	CK APPROPRIATE BOXES TO INDICATE N	ATURE OF NOTICE, REPORT,	OR OTHER DATA			
TYPE OF SUBMISSION		TYPE OF ACTION				
	☐ ACIDIZE ☐	ALTER CASING	CASING REPAIR			
NOTICE OF INTENT Approximate date work will start:	☐ CHANGE TO PREVIOUS PLANS	CHANGE TUBING	☐ CHANGE WELL NAME			
1/22/2011	☐ CHANGE WELL STATUS ☐	COMMINGLE PRODUCING FORMATIONS	☐ CONVERT WELL TYPE			
SUBSEQUENT REPORT	☐ DEEPEN ☐	FRACTURE TREAT	☐ NEW CONSTRUCTION			
Date of Work Completion:	☐ OPERATOR CHANGE ☐	PLUG AND ABANDON	☐ PLUG BACK			
	☐ PRODUCTION START OR RESUME ☐	RECLAMATION OF WELL SITE	☐ RECOMPLETE DIFFERENT FORMATION			
SPUD REPORT Date of Spud:	☐ REPERFORATE CURRENT FORMATION ☐	SIDETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON			
	☐ TUBING REPAIR ☐	VENT OR FLARE	☐ WATER DISPOSAL			
☐ DRILLING REPORT	☐ WATER SHUTOFF ☐	SI TA STATUS EXTENSION	✓ APD EXTENSION			
Report Date:	□ WILDCAT WELL DETERMINATION □	OTHER	OTHER:			
l .	OMPLETED OPERATIONS. Clearly show all pertine		·			
Newfield proposes to	extend the Application for Permit year.	to Drill this well for one	e Approved by the Utah Division of Oil, Gas and Mining			
			01/13/2011			
		Da	ate: 01/13/2011			
		В	y: Ballylll			
			20			
NAME (PLEASE PRINT)	PHONE NUMBER	TITLE				
Mandie Crozier	435 646-4825	Regulatory Tech				
SIGNATURE		DATE 1/13/2011				



#### The Utah Division of Oil, Gas, and Mining

- State of Utah
- Department of Natural Resources

**Electronic Permitting System - Sundry Notices** 

#### Request for Permit Extension Validation Well Number 43013341670000

**API:** 43013341670000 **Well Name:** FEDERAL 16-19-8-16

Location: 0661 FSL 0661 FEL QTR SESE SEC 19 TWNP 080S RNG 160E MER S

Company Permit Issued to: NEWFIELD PRODUCTION COMPANY

**Date Original Permit Issued:** 1/22/2009

The undersigned as owner with legal rights to drill on the property as permitted above, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision. Following is a checklist of some items related to the application, which should be verified.

require revi	sion. Following is a chec	klist of sor	me items r	related to th	ne applicati	on, which should be verified.
	ated on private land, has ed? 📗 Yes 連 No	the owne	rship chan	nged, if so, l	has the sur	face agreement been
	any wells been drilled in requirements for this lo				ell which we	ould affect the spacing or
	nere been any unit or otles proposed well?		nents put i	in place tha	t could affe	ect the permitting or operation
	there been any changes the proposed location?			including o	wnership, o	r rightof- way, which could
• Has th	ne approved source of w	ater for dr	illing chan	nged? 🛑 🖰	Yes 📵 No	
	there been any physical e in plans from what wa					route which will require a Yes 📵 No
• Is bor	nding still in place, whicl	n covers th	iis propose	ed well? 🎩	Yes 🔵	Approved by the No Utah Division of Oil, Gas and Mining
Signature:	Mandie Crozier	<b>Date:</b> 1/1			_	01/13/2011
Title:	Regulatory Tech Represe	enting: NE\	WFIELD PRO	ODUCTION C	OMPANY D	t mull

Form 3160-3 (August 2007)

# UNITED STATES

FORM	APPRO	OVED
OMB N	lo. 1004	-0137
Expires	July 31,	2010

5.	Lease Serial No.
	UTU-73089

DEPARTMENT OF THE BUREAU OF LAND MAN	UTU-73089						
APPLICATION FOR PERMIT TO DRILL OR REENTER				6. If Indian, Allotee or Tribe Name NA			
la. Type of work:  DRILL  REENT	7 If Unit or CA Agreement, Name and No.						
lb. Type of Well: ✓ Oil Well ☐ Gas Well ☐ Other	8. Lease Name and Well No. Federal 16-19-8-16						
2. Name of Operator Newfield Production Company				9. API Well No. 43-013-34167			
3a. Address Route #3 Box 3630, Myton UT 84052		10. Field and Pool, or Exploratory  Monument Butte					
4. Location of Well (Report location clearly and in accordance with an	ny State requiren	ents.*)		11. Sec., T. R. M. or B1	k.and Survey	or Area	
At surface SE/SE 661' FSL 661' FEL				Sec. 19, T8S R16E			
At proposed prod. zone							
14. Distance in miles and direction from nearest town or post office*  Approximately 9.1 miles southwest of Myton, UT				12. County or Parish  Duchesne	13. UT	State F	
15. Distance from proposed*	16. No. of a	cres in lease	17. Spacin	ng Unit dedicated to this well			
location to nearest property or lease line, ft. Approx. 661' f/lse, NA' f/unit (Also to nearest drig. unit line, if any)	178.53			40 Acres			
<ol> <li>Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft.</li> <li>Approx. 1436'</li> </ol>	19. Proposed 6,57	•	• • • • • • • • • • • • • • • • • • • •	I/BIA Bond No. on file WYB000493			
21. Elevations (Show whether DF, KDB, RT, GL, etc.)		mate date work will star	t*	23. Estimated duration			
5566' GL	9 cm	Grtr. Oc	<u> </u>	(7) days from SPU	D to rig rele	ase	
	24. Attac			****			
The following, completed in accordance with the requirements of Onsho	re Oil and Gas	Order No.1, must be at	tached to thi	is form:			
Well plat certified by a registered surveyor.     A Drilling Plan.		4. Bond to cover the Item 20 above).	ne operation	ns unless covered by an o	existing bond	on file (see	
2. A Druning rian.  3. A Surface Use Plan (if the location is on National Forest System	Lands, the	5. Operator certific	ation				
SUPO must be filed with the appropriate Forest Service Office).		6. Such other site BLM.	specific info	ormation and/or plans as	may be requir	ed by the	
25. Signatures	Name	(Printed/Typed)			Date		
Il rande rosis	Mand	lie Crozier			19/18	1/08	
Citle Carlottory Specialist		1					
Approved by (Signature)	Name	(Printed/Typed)	1 pst		Date JUL	22 201	
Assistant Field Manager Lands & Mineral Resources	Office	VERNAL	FIELD	OFFICE			
Application approval does not warrant or certify that the applicant hold	ls legal or equi				title the appli	cant to	
conduct operations thereon	Ç			OE ADDDOMAL			

Conditions of approval, if any, are attached. CONDITIONS OF APPROVAL ATTACHED

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Continued on page 2)

\*(Instructions on page 2)

**NOTICE OF APPROVAL** 



**RECEIVED** AUG 0 2 2011



# UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT VERNAL FIELD OFFICE

VERNAL, UT 84078

(435) 781-4400



#### CONDITIONS OF APPROVAL FOR APPLICATION FOR PERMIT TO DRILL

Company: Well No:

**Newfield Production Company** 

170 South 500 East

Federal 16-19-8-16

API No: 43-013-34167

Location: Lease No:

Agreement:

SESE, Sec. 19, T8S, R16E

UTU-73089

**Greater Monument Butte Unit** 

**OFFICE NUMBER:** 

(435) 781-4400

**OFFICE FAX NUMBER:** 

(435) 781-3420

## A COPY OF THESE CONDITIONS SHALL BE FURNISHED TO YOUR FIELD REPRESENTATIVE TO INSURE COMPLIANCE

All lease and/or unit operations are to be conducted in such a manner that full compliance is made with the applicable laws, regulations (43 CFR Part 3160), and this approved Application for Permit to Drill including Surface and Downhole Conditions of Approval. The operator is considered fully responsible for the actions of his subcontractors. A copy of the approved APD must be on location during construction, drilling, and completion operations. This permit is approved for a two (2) year period, or until lease expiration, whichever occurs first. An additional extension, up to two (2) years, may be applied for by sundry notice prior to expiration.

#### NOTIFICATION REQUIREMENTS

Location Construction (Notify Environmental Scientist)	-	Forty-Eight (48) hours prior to construction of location and access roads.
Location Completion (Notify Environmental Scientist)		Prior to moving on the drilling rig.
Spud Notice (Notify Petroleum Engineer)	-	Twenty-Four (24) hours prior to spudding the well.
Casing String & Cementing (Notify Supv. Petroleum Tech.)	-	Twenty-Four (24) hours prior to running casing and cementing all casing strings to: ut vn opreport@blm.gov.
BOP & Related Equipment Tests (Notify Supv. Petroleum Tech.)	-	Twenty-Four (24) hours prior to initiating pressure tests.
First Production Notice (Notify Petroleum Engineer)	-	Within Five (5) business days after new well begins or production resumes after well has been off production for more than ninety (90) days.
	1	

Page 2 of 7 Well: Federal 16-19-8-16 7/21/2011

#### SURFACE USE PROGRAM CONDITIONS OF APPROVAL (COAs)

- All new and replacement internal combustion gas field engines of less than or equal to 300 designrated horsepower must not emit more than 2 gms of NO<sub>x</sub> per horsepower-hour. This requirement does not apply to gas field engines of less than or equal to 40 design-rated horsepower.
- All and replacement internal combustion gas field engines of greater than 300 design rated horsepower must not emit more than 1.0 gms of NO<sub>x</sub> per horsepower-hour.
- If there is an active Gilsonite mining operation within 2 miles of the well location, operator shall notify the Gilsonite operator at least 48 hours prior to any blasting during construction.
- If paleontological materials are uncovered during construction, the operator is to immediately stop
  work and contact the Authorized Officer (AO). A determination will be made by the AO as to what
  mitigation may be necessary for the discovered paleontologic material before construction can
  continue.
- Drill cuttings will be contained and buried in the reserve pit. Drilling fluids, including salts and chemicals, will be contained in the reserve pit. Upon termination of drilling and completion operations, the liquid contents of the reserve pit will be used at the next drill site or will be removed and disposed of at an approved waste disposal facility within 120 days after drilling is terminated. Immediately upon well completion, any hydrocarbons in the pit will be removed in accordance with 43 CFR 3162.7-1 (Newfield SOP 2003).
- Any oil, gas, saltwater, or other noxious fluid spills will be immediately removed and transported to an approved disposal site (Newfield SOP 2003).
- No hazardous wastes (as defined in 40 CFR 355 or subject to reporting under SARA Title III) will be used, produced, stored, transported, or disposed of annually in association with the drilling, testing, or completing of this well (Newfield SOP 2003).
- Production facilities shall be placed towards the front of the location, when on cut, to maximize the
  amount of reclamation that is to be done when the well goes into production. Any additional unused
  areas of the well pad will undergo interim reclamation as well to keep the topsoil being stripped
  viable and healthy until final reclamation takes place.
- Topsoil shall be stored on location for reclamation purposes only. Topsoil pile shall be marked and piled no greater than 8 feet in height to minimize the potential of soils loss to erosional forces.
- Hospital mufflers shall be placed on all pump jacks in this proposal, to minimize the sound impacts in an area that had raptors frequenting the area.
- All production facilities for each of the 27 proposed locations will be painted Covert Green in the new BLM approved Environmental Color Chart.
- Reclamation monitoring report shall be submitted March 31<sup>st</sup> of each year following the start of any reclamation project for any of the 27 proposed well locations.
- Newfield will follow their approved reclamation plan for interim and final reclamation. The goal is to reach 75% native vegetated basal cover within 5years of interim reclamation efforts. However, if not reached after 5 years some additional suggestions on new methods will be applied to help increase the reclamation potential.

Page 3 of 7 Well: Federal 16-19-8-16 7/21/2011

Golden Eagle timing restriction on the 8-22-8-16 location.

 Construction and drilling is not allowed from January 1 – August 31 to minimize impacts during Golden eagle nesting. If it is anticipated that construction or drilling will occur during the given timing restriction, a BLM qualified biologist shall be notified so surveys can be conducted.
 Depending upon the results of the surveys, permission to proceed may or may not be granted by the BLM authorized officer.

#### • Mountain Plover timing on the following wells:

- 15-22-8-16, 8-22-8-16, 3-22-8-16,4-22-8-16, 6-22-8-16, 4-27-8-16, 16-22-8-16, 1-27-8-16, 2-27-8-16, 9-20-8-16, 14-27-8-16, 10-22-8-16, 1-22-8-16, 5-22-8-16, 9-22-8-16, 2-22-8-16, 7-22-8-16, 12-27-8-16, 11-27-8-16, 7-27-8-16, 6-27-8-16, 5-27-8-16, 14-22-8-16, 12-22-8-16, 11-22-8-16, 16-19-8-16, 15-19-8-16.
- Construction and drilling is not allowed from May 1 June 15 to minimize impacts during mountain plover nesting. If it is anticipated that construction or drilling will occur during the given timing restriction, a BLM or qualified biologist shall be notified so surveys can be conducted. Depending upon the results of the surveys, permission to proceed may or may not be granted by the BLM Authorized Officer.
- Burrowing Owl timing on the following wells:
- 15-22-8-16, 8-22-8-16, 3-22-8-16,4-22-8-16, 6-22-8-16, 4-27-8-16, 16-22-8-16, 1-27-8-16, 2-27-8-16, 9-20-8-16, 14-27-8-16, 10-22-8-16, 1-22-8-16, 5-22-8-16, 9-22-8-16, 2-22-8-16, 7-22-8-16, 12-27-8-16, 11-27-8-16, 7-27-8-16, 6-27-8-16, 5-27-8-16, 14-22-8-16, 12-22-8-16, 11-22-8-16, 16-19-8-16, 15-19-8-16, 14-19-8-16, 13-19-8-16.
- Construction and drilling is not allowed from March 1 August 31 to minimize impacts during burrowing owl nesting. If it is anticipated that construction or drilling will occur during the given timing restriction, a BLM or qualified biologist shall be notified so surveys can be conducted.
   Depending upon the results of the surveys, permission to proceed may or may not be granted by the BLM Authorized Officer
- Immediately upon well completion, the location and surrounding area will be cleared of all unused tubing, equipment, debris, materials, and trash. Any hydrocarbons in the pit will be removed in accordance with 43 CFR 3162.7-1. Also, reserve pit will be closed within 180 days of the well sites going into production in accordance with Onshore Order #1 regulations. Pits will undergo recontouring, seed bed preparation, and seeded with approved seed mix.
- All pipelines and roads will be restricted to one single 60 foot width of disturbance. This is will
  decrease potential impacts to soils and native vegetation, and lessen the overall footprint, when
  vegetation becomes reestablished.

Page 4 of 7 Well: Federal 16-19-8-16 7/21/2011

#### DOWNHOLE PROGRAM CONDITIONS OF APPROVAL (COAs)

#### SITE SPECIFIC DOWNHOLE COAs:

• Newfield Production Co. shall adhere to all referenced requirements in the SOP (version: June 24, 2008) along with all Oil and Gas rules and requirements listed in the Code of Federal Regulations and all Federal Onshore Oil and Gas Orders.

All provisions outlined in Onshore Oil & Gas Order #2 Drilling Operations shall be strictly adhered to. The following items are emphasized:

#### DRILLING/COMPLETION/PRODUCING OPERATING STANDARDS

- The spud date and time shall be reported orally to Vernal Field Office within 24 hours of spudding.
- Notify Vernal Field Office Supervisory Petroleum Engineering Technician at least 24 hours in advance of casing cementing operations and BOPE & casing pressure tests.
- All requirements listed in Onshore Order #2 III. E. Special Drilling Operations are applicable for air drilling of surface hole.
- Blowout prevention equipment (BOPE) shall remain in use until the well is completed or abandoned. Closing unit controls shall remain unobstructed and readily accessible at all times. Choke manifolds shall be located outside of the rig substructure.
- All BOPE components shall be inspected daily and those inspections shall be recorded in the daily
  drilling report. Components shall be operated and tested as required by Onshore Oil & Gas Order
  No. 2 to insure good mechanical working order. All BOPE pressure tests shall be performed by a
  test pump with a chart recorder and <u>NOT</u> by the rig pumps. Test shall be reported in the driller's
  log.
- BOP drills shall be initially conducted by each drilling crew within 24 hours of drilling out from under the surface casing and weekly thereafter as specified in Onshore Oil & Gas Order No. 2.
- Casing pressure tests are required before drilling out from under all casing strings set and cemented in place.
- No aggressive/fresh hard-banded drill pipe shall be used within casing.
- Cement baskets shall not be run on surface casing.
- The operator must report all shows of water or water-bearing sands to the BLM. If flowing water is
  encountered it must be sampled, analyzed, and a copy of the analyses submitted to the BLM Vernal
  Field Office.
- The operator must report encounters of all non oil & gas mineral resources (such as Gilsonite, tar sands, oil shale, trona, etc.) to the Vernal Field Office, in writing, within 5 working days of each encounter. Each report shall include the well name/number, well location, date and depth (from KB or GL) of encounter, vertical footage of the encounter and, the name of the person making the report (along with a telephone number) should the BLM need to obtain additional information.

Page 5 of 7 Well: Federal 16-19-8-16 7/21/2011

• A complete set of angular deviation and directional surveys of a directional well will be submitted to the Vernal BLM office engineer within 30 days of the completion of the well.

- While actively drilling, chronologic drilling progress reports shall be filed directly with the BLM, Vernal Field Office on a weekly basis in sundry, letter format or e-mail to the Petroleum Engineers until the well is completed.
- A cement bond log (CBL) will be run from the production casing shoe to the top of cement and shall be utilized to determine the bond quality for the production casing. Submit a field copy of the CBL to this office.
- Please submit an electronic copy of all other logs run on this well in LAS format to UT\_VN\_Welllogs@BLM.gov. This submission will supersede the requirement for submittal of paper logs to the BLM.
- There shall be no deviation from the proposed drilling, completion, and/or workover program as approved. Safe drilling and operating practices must be observed. Any changes in operation must have prior approval from the BLM Vernal Field Office.

Page 6 of 7 Well: Federal 16-19-8-16 7/21/2011

#### **OPERATING REQUIREMENT REMINDERS:**

- All wells, whether drilling, producing, suspended, or abandoned, shall be identified in accordance with 43 CFR 3162.6. There shall be a sign or marker with the name of the operator, lease serial number, well number, and surveyed description of the well.
- For information regarding production reporting, contact the Office of Natural Resources Revenue (ONRR) at <a href="https://www.ONRR.gov">www.ONRR.gov</a>.
- Should the well be successfully completed for production, the BLM Vernal Field office must be
  notified when it is placed in a producing status. Such notification will be by written communication
  and must be received in this office by not later than the fifth business day following the date on
  which the well is placed on production. The notification shall provide, as a minimum, the following
  informational items:
  - o Operator name, address, and telephone number.
  - Well name and number.
  - o Well location (¼¼, Sec., Twn, Rng, and P.M.).
  - Date well was placed in a producing status (date of first production for which royalty will be paid).
  - The nature of the well's production, (i.e., crude oil, or crude oil and casing head gas, or natural gas and entrained liquid hydrocarbons).
  - The Federal or Indian lease prefix and number on which the well is located; otherwise the non-Federal or non-Indian land category, i.e., State or private.
  - o Unit agreement and/or participating area name and number, if applicable.
  - o Communitization agreement number, if applicable.
- Any venting or flaring of gas shall be done in accordance with Notice to Lessees (NTL) 4A and needs prior approval from the BLM Vernal Field Office.
- All undesirable events (fires, accidents, blowouts, spills, discharges) as specified in NTL 3A will be
  reported to the BLM, Vernal Field Office. Major events, as defined in NTL3A, shall be reported
  verbally within 24 hours, followed by a written report within 15 days. "Other than Major Events" will
  be reported in writing within 15 days. "Minor Events" will be reported on the Monthly Report of
  Operations and Production.
- Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (BLM Form 3160-4) shall be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3162.4-1. Two copies of all logs run, core descriptions, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, shall be filed on BLM Form 3160-4. Submit with the well completion report a geologic report including, at a minimum, formation tops, and a summary and conclusions. Also include deviation surveys, sample descriptions, strip logs,

core data, drill stem test data, and results of production tests if performed. Samples (cuttings, fluid, and/or gas) shall be submitted only when requested by the BLM, Vernal Field Office.

- All off-lease storage, off-lease measurement, or commingling on-lease or off-lease, shall have prior written approval from the BLM Vernal Field Office.
- Oil and gas meters shall be calibrated in place prior to any deliveries. The BLM Vernal Field Office
  Petroleum Engineers will be provided with a date and time for the initial meter calibration and all
  future meter proving schedules. A copy of the meter calibration reports shall be submitted to the
  BLM Vernal Field Office. All measurement facilities will conform to the API standards for liquid
  hydrocarbons and the AGA standards for natural gas measurement. All measurement points shall
  be identified as the point of sale or allocation for royalty purposes.
- A schematic facilities diagram as required by Onshore Oil & Gas Order No. 3 shall be submitted to the BLM Vernal Field Office within 30 days of installation or first production, whichever occurs first. All site security regulations as specified in Onshore Oil & Gas Order No. 3 shall be adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with Onshore Oil & Gas Order No. 3.
- Any additional construction, reconstruction, or alterations of facilities, including roads, gathering
  lines, batteries, etc., which will result in the disturbance of new ground, shall require the filing of a
  suitable plan and need prior approval of the BLM Vernal Field Office. Emergency approval may be
  obtained orally, but such approval does not waive the written report requirement.
- No location shall be constructed or moved, no well shall be plugged, and no drilling or workover
  equipment shall be removed from a well to be placed in a suspended status without prior approval
  of the BLM Vernal Field Office. If operations are to be suspended for more than 30 days, prior
  approval of the BLM Vernal Field Office shall be obtained and notification given before resumption
  of operations.
- Pursuant to Onshore Oil & Gas Order No. 7, this is authorization for pit disposal of water produced from this well for a period of 90 days from the date of initial production. A permanent disposal method must be approved by this office and in operation prior to the end of this 90-day period. In order to meet this deadline, an application for the proposed permanent disposal method shall be submitted along with any necessary water analyses, as soon as possible, but no later than 45 days after the date of first production. Any method of disposal which has not been approved prior to the end of the authorized 90-day period will be considered as an Incident of Noncompliance and will be grounds for issuing a shut-in order until an acceptable manner for disposing of said water is provided and approved by this office.
- Unless the plugging is to take place immediately upon receipt of oral approval, the Field Office Petroleum Engineers must be notified at least 24 hours in advance of the plugging of the well, in order that a representative may witness plugging operations. If a well is suspended or abandoned, all pits must be fenced immediately until they are backfilled. The "Subsequent Report of Abandonment" (Form BLM 3160-5) must be submitted within 30 days after the actual plugging of the well bore, showing location of plugs, amount of cement in each, and amount of casing left in hole, and the current status of the surface restoration.



#### **United States Department of the Interior**

BUREAU OF LAND MANAGEMENT
Green River District Office
Vernal Field Office
170 South 500 East
Vernal, UT 84078
http://www.blm.gov/ut/st/en/fo/vernal.html



In Reply Refer To: 3160(UTG011)

Berry Petroleum 4000 South 4028 West Rt. 2 Box 7735 Roosevelt, Ut. 84066

Dear Ms. Fieldsted:

This letter provides written notification that the submitted Application for Permit to Drill (APD) is complete or contains deficiencies that need to be corrected. Any retained APD which is deficient must be brought to an acceptable level of completion within 45 days of the date of this notice or the APD will be returned unapproved.

#### NOTICE OF COMPLETENESS OR DEFICIENCIES FOR AN APD

Lease N	Vo.: 2	OG(	00055	<u>00</u>	Well No.: <u>LC Tribal 14-15D-54</u> 6	APD Received Date: <u>06/10/2011</u>
⊠ I.	ΑI	PD IS	CON	/IPL	ETE AS SUBMITTED.	
□ II.	Αŀ	D IS	DEF	ICII	ENT IN THE FOLLOWING AREA(S) [as mark	ed]:
	П				ion of Operator.	
	Ħ				ion of Agent under Unit Agreement.	
	一.		Bono			
	Ħ				60-3 is Incomplete.	
	$\Box$				mance with CFR Onshore Order #1: Drilling Pl	an is Complete. <b>OR</b> .
	同				Plan is Deficient in the Following Area(s)	1
					Names and estimated tops of all geologic group	os.
					Estimated depths at which the top and the botto	
					other miner-bearing formations are expected to	
					operator's plans for protecting such resources.	
				3.	Blowout prevention equipment.	
					Proposed Casing Program including size, grade	, weight, type of thread and
					coupling.	
				5.	Estimated amount and type(s) of cement expect	red to be used.
					Type and Characteristics of the proposed circul	
					section.	
					a) Air/gas drilling. Length of blooie line, com	pressor equipment location, mud/kill
					medium.	
				7.	Testing, logging, and coring procedures propos	ed.
				8.	Expected bottom hole pressure. Any abnormal	conditions.
					Other facets of the proposed operation.	
					a. For directional wells, proposed directional	design, plan view, and vertical section

in true vertical and measured depths.

F. Surface Use and Operations Plan is Complete. <b>OR</b> ,	
Surface Use and Operations Plan is Deficient in the Following Area(s)	
1. Existing Roads.	
2. Planned Access Road.	
3. Location of Existing Wells.	
<ul> <li>4. Location of Existing and/or Proposed Facilities.</li> <li>5. Location and Type of Water Supply.</li> </ul>	
<ul><li>5. Location and Type of Water Supply.</li><li>6. Source of Construction Materials.</li></ul>	
7. Methods for Handling Waste Disposal.	
8. Ancillary Facilities.	
9. Well Site Layout.	
10. Plans for Restoration of Surface.	
11. Surface Ownership	
12. Other Additional Information.	
G. Operator Certification.	
H. Onsite Inspection.	
☐ I. Other:	
☐ I. Other: ☐ 1	
III. Other Information Needed:	
IV. APD is retained. Processing will start upon receipt of further information as noted above.	
VI. APD is being processed. Final action is pending receipt of further information as noted above.	
VII. APD is being returned for the following reasons:	
Please send a copy of this letter along with the corrected information to adjudicator's attention. If you have any questions regarding the processing of this APD, please contact Johnetta Magee at (435) 781 4429.	
Sincerely,	

Jerry Kenczka Assistant Field Manager Lands & Minerals Resources Sundry Number: 21990 API Well Number: 43013341670000

STATE OF UTAH  DEPARTMENT OF NATURAL RESOURCES							
ı	ES IING	5.LEASE DESIGNATION AND SERIAL NUMBER: UTU-73089					
SUNDR	RY NOTICES AND REPORTS	ON WELLS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:				
	oposals to drill new wells, significantly or reenter plugged wells, or to drill horizon n for such proposals.		7.UNIT or CA AGREEMENT NAME: GMBU (GRRV)				
1. TYPE OF WELL Oil Well			8. WELL NAME and NUMBER: FEDERAL 16-19-8-16				
2. NAME OF OPERATOR: NEWFIELD PRODUCTION CO	9. API NUMBER: 43013341670000						
3. ADDRESS OF OPERATOR: Rt 3 Box 3630 , Myton, UT	, 84052 435 646-4825	PHONE NUMBER: Ext	9. FIELD and POOL or WILDCAT: MONUMENT BUTTE				
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0661 FSL 0661 FEL			COUNTY: DUCHESNE				
QTR/QTR, SECTION, TOWNSH	HIP, RANGE, MERIDIAN: 9 Township: 08.0S Range: 16.0E Meridia	an: S	STATE: UTAH				
11. CHECI	K APPROPRIATE BOXES TO INDICAT	E NATURE OF NOTICE, REPOR	RT, OR OTHER DATA				
TYPE OF SUBMISSION		TYPE OF ACTION					
	ACIDIZE	ALTER CASING	CASING REPAIR				
NOTICE OF INTENT Approximate date work will start:	CHANGE TO PREVIOUS PLANS	CHANGE TUBING	CHANGE WELL NAME				
1/22/2012	CHANGE WELL STATUS	COMMINGLE PRODUCING FORMATIONS	CONVERT WELL TYPE				
SUBSEQUENT REPORT	DEEPEN	FRACTURE TREAT	☐ NEW CONSTRUCTION				
Date of Work Completion:	OPERATOR CHANGE	PLUG AND ABANDON	PLUG BACK				
	PRODUCTION START OR RESUME	RECLAMATION OF WELL SITE	RECOMPLETE DIFFERENT FORMATION				
SPUD REPORT Date of Spud:	REPERFORATE CURRENT FORMATION	SIDETRACK TO REPAIR WELL	TEMPORARY ABANDON				
	TUBING REPAIR	VENT OR FLARE	WATER DISPOSAL				
DRILLING REPORT	WATER SHUTOFF	SI TA STATUS EXTENSION	✓ APD EXTENSION				
Report Date:	WILDCAT WELL DETERMINATION	OTHER	OTHER:				
44 DESCRIPE PROPOSED OR							
	completed operations. Clearly show a to extend the Application for for one year.		Approved by the Utah Division of Oil, Gas and Mining				
			Date: January 12, 2012				
			By: Bally College				
NAME (PLEASE PRINT)	PHONE NUMB						
Mandie Crozier	435 646-4825	Regulatory Tech					
SIGNATURE N/A		<b>DATE</b> 1/10/2012					

Sundry Number: 21990 API Well Number: 43013341670000



## The Utah Division of Oil, Gas, and Mining

- State of Utah
- Department of Natural Resources

**Electronic Permitting System - Sundry Notices** 

## Request for Permit Extension Validation Well Number 43013341670000

**API:** 43013341670000 **Well Name:** FEDERAL 16-19-8-16

Location: 0661 FSL 0661 FEL QTR SESE SEC 19 TWNP 080S RNG 160E MER S

Company Permit Issued to: NEWFIELD PRODUCTION COMPANY

Date Original Permit Issued: 1/22/2009

The undersigned as owner with legal rights to drill on the property as permitted above, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision. Following is a checklist of some items related to the application, which should be verified.

• If located on private land, has the ownership changed, if so, has the surface agreement been updated?  Yes  No
Have any wells been drilled in the vicinity of the proposed well which would affect the spacing or siting requirements for this location?     Yes      No
• Has there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well?  Yes No
• Have there been any changes to the access route including ownership, or rightof- way, which could affect the proposed location?  Yes No
• Has the approved source of water for drilling changed?   Yes  No
<ul> <li>Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation?</li> <li>Yes</li> <li>No</li> </ul>
• Is bonding still in place, which covers this proposed well?   Yes   No
nature: Mandie Crozier Date: 1/10/2012

Title: Regulatory Tech Representing: NEWFIELD PRODUCTION COMPANY

Sundry Number: 33836 API Well Number: 43013341670000

	STATE OF UTAH		FORM 9
	5.LEASE DESIGNATION AND SERIAL NUMBER: UTU-73089		
SUNDF	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:		
Do not use this form for pro current bottom-hole depth, FOR PERMIT TO DRILL form	7.UNIT or CA AGREEMENT NAME: GMBU (GRRV)		
1. TYPE OF WELL Oil Well	8. WELL NAME and NUMBER: FEDERAL 16-19-8-16		
2. NAME OF OPERATOR: NEWFIELD PRODUCTION CO	OMPANY		9. API NUMBER: 43013341670000
3. ADDRESS OF OPERATOR: Rt 3 Box 3630 , Myton, UT	r, 84052 435 646-4825	PHONE NUMBER: 5 Ext	9. FIELD and POOL or WILDCAT: MONUMENT BUTTE
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0661 FSL 0661 FEL			COUNTY: DUCHESNE
QTR/QTR, SECTION, TOWNSI Qtr/Qtr: SESE Section: 1	HIP, RANGE, MERIDIAN: 9 Township: 08.0S Range: 16.0E Meridi	ian: S	STATE: UTAH
11. CHEC	K APPROPRIATE BOXES TO INDICA	TE NATURE OF NOTICE, REPOR	RT, OR OTHER DATA
TYPE OF SUBMISSION		TYPE OF ACTION	
7	ACIDIZE	ALTER CASING	CASING REPAIR
A / O O / O O A O	CHANGE TO PREVIOUS PLANS	CHANGE TUBING	CHANGE WELL NAME
1/22/2013	CHANGE WELL STATUS	COMMINGLE PRODUCING FORMATIONS	CONVERT WELL TYPE
SUBSEQUENT REPORT	DEEPEN	FRACTURE TREAT	NEW CONSTRUCTION
Date of Work Completion:	OPERATOR CHANGE	PLUG AND ABANDON	PLUG BACK
	PRODUCTION START OR RESUME	RECLAMATION OF WELL SITE	RECOMPLETE DIFFERENT FORMATION
SPUD REPORT  Date of Spud:	REPERFORATE CURRENT FORMATION	SIDETRACK TO REPAIR WELL	TEMPORARY ABANDON
	TUBING REPAIR	VENT OR FLARE	WATER DISPOSAL
DRILLING REPORT	WATER SHUTOFF	SI TA STATUS EXTENSION	✓ APD EXTENSION
Report Date:			OTHER .
	WILDCAT WELL DETERMINATION	OTHER	OTHER:
l .	COMPLETED OPERATIONS. Clearly show	-	Transfer to the second
Newneld propo	ses to extend the Applicatio	on for Permit to Drill.	Approved by the Utah Division of
			Oil, Gas and Mining
			Date: January 16, 2013
			00000
			By:
NAME (DI EASE DOINT)	DUONE NUMB	DED TITLE	
NAME (PLEASE PRINT) Mandie Crozier	<b>PHONE NUMB</b> 435 646-4825	BER TITLE Regulatory Tech	
SIGNATURE N/A		<b>DATE</b> 1/15/2013	

Sundry Number: 33836 API Well Number: 43013341670000



## The Utah Division of Oil, Gas, and Mining

- State of Utah
- Department of Natural Resources

**Electronic Permitting System - Sundry Notices** 

## Request for Permit Extension Validation Well Number 43013341670000

API: 43013341670000 Well Name: FEDERAL 16-19-8-16

Location: 0661 FSL 0661 FEL QTR SESE SEC 19 TWNP 080S RNG 160E MER S

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Date Original Permit Issued: 1/22/2009

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• Have there been any changes to the access route including ownership, or rightof- way, which could affect the proposed location?  Yes No
• Has the approved source of water for drilling changed?   Yes  No
<ul> <li>Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation?</li> <li>Yes</li> <li>No</li> </ul>
• Is bonding still in place, which covers this proposed well?   Yes   No
nature: Mandie Crozier Date: 1/15/2013

Signature: Mandie Crozier **Date:** 1/15/2013

Title: Regulatory Tech Representing: NEWFIELD PRODUCTION COMPANY



## State of Utah DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER

Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA Division Director

August 28, 2013

Mandie Crozier **Newfield Production Company** Route #3 Box 3630 Myton, UT 84052

43 013 3A167 Federal 16-19-8-16 85 16E 19

Re:

APDs Rescinded for Newfield Production Company,

**Duchesne County** 

Dear Ms. Crozier:

Enclosed find the list of APDs that you have asked to be rescinded. No drilling activity at these locations has been reported to the division. Therefore, approval to drill these wells is hereby rescinded, effective August 27, 2013.

A new APD must be filed with this office for approval prior to the commencement of any future work on the subject location.

If any previously unreported operations have been performed on this well location, it is imperative that you notify the Division immediately.

Sincerely,

Diana Mason

Environmental Scientist

ianuth lason

Well File cc:

Bureau of Land Management, Vernal

SITLA, Ed Bonner





## APD's to Rescind

Mandie Crozier <mcrozier@newfield.com>
To: "dianawhitney@utah.gov" <dianawhitney@utah.gov>

Tue, Aug 27, 2013 at 4:18 PM

Newfield would like to have the following Approved APD's Rescinded. (See attached list). Most of these APD's were permitted and approved in 2010 or earlier. We would like to emphasize that this is not an on-going issue and that we have drilled or plan to drill 95% of the APD's we've applied for in recent years. These were some areas and play types that we were assessing that we had to permit in advance due to long permit lag time – this caused us to "over-permit" these areas/plays so that we would have options to drill if successful.

# Mandie Crozier Regulatory Specialist.

Office: 435-646-4825 Mobile: 435-401-8335





APD's to Rescind\_001.pdf

Case Number	Well Name	Num	Lease	TYPE	Comment
UTU87538X	FEDERAL	10-21-8-16	UTU69060	40	4301350033
UTU87538X	HAWKEYE FEDERAL	10-22-8-16	UTU73088	40	4301350094
UTU87538X	FEDERAL	11-21-8-16	UTU69061	40	4301350034
UTU87538X	FEDERAL	11-22-8-16	UTU77339	40	4301350085
UTU87538X	HAWKEYE FEDERAL	11-27-8-16	UTU73088	40	4301350057
UTU87538X	FEDERAL	11-35-8-15	UTU67168	40	4301334252
UTU87538X	STATE	11-36-8-15	STATE	40	4301334225
UTU87538X	FEDERAL	1-21-8-16	UTU69060	40	4301350025
UTU87538X	FEDERAL	12-22-8-16	UTSL065914	40	4301350086
UTU87538X	FEDERAL	12-25-8-15	UTU67168	40	4301350048
UTU87538X	HAWKEYE FEDERAL	12-27-8-16	UTU73088	40	4301350056
UTU87538X	FEDERAL	1-25-8-15	UTU67168	40	4301350027
UTU87538X	HAWKEYE FEDERAL	1-27-8-16	UTU73088	40	4301350040
UTU87538X	FEDERAL	1-29-8-16	UTU69061	40	4301350144
UTU87538X	FEDERAL	1-30-8-16	UTU81000	40	4301334192
UTU87538X	FEDERAL	13-19-8-16	UTU73089	40	4301334170

-7 Was Resemend on 6/14/2012

f	·				
UTU87538X	FEDERAL	14-19-8-16	UTU73089	40	4301334169
UTU87538X	FEDERAL	14-21-8-16	UTU69061	40	4301350029
UTU87538X	FEDERAL	14-22-8-16	UTU77339	40	4301350100
UTU87538X	TRAVIS FEDERAL	14-27-8-16	UTU62848	40	4301350055
UTU87538X	FEDERAL	15-19-8-16	UTU73089	40	4301334168
UTU87538X	FEDERAL	15-21-8-16	UTU69060	40	4301350028
UTU87538X	FEDERAL	16-19-8-16	UTU73089	40	4301334167
UTU87538X	FENCELINE FEDERAL	1A-22-8-16	UTU74868	40	4301350090
UTU87538X	FEDERAL	2-21-8-16	UTU69060	40	4301350030
UTU87538X	FENCELINE FEDERAL	2-22-8-16	UTU74868	40	4301350891
UTU87538X	HAWKEYE FEDERAL	2-27-8-16	UTU73088	40	4301350041
UTU87538X	FEDERAL	2-29-8-16	UTU69061	40	4301334178
UTU87538X	WEST POINT FEDERAL	2-31-8-16	UTU74389	40	4301334200
UTU87538X	FEDERAL	3-22-8-16	UTU76561	40	4301350082
UTU87538X	FEDERAL	3-29-8-16	UTU69060	40	4301334177
UTU87538X	FEDERAL	3-30-8-16	UTU81000	40	4301334190
UTU87538X	FEDERAL	4-22-8-16	UTU76561	40	4301350099



**************************************			F	W	
UTU87538X	FENCELINE FEDERAL	4-23-8-16	UTU74868	40	4301350130
UTU87538X	FEDERAL	4-27-8-16	UTU77339	40	4301350062
UTU87538X	FEDERAL	4-29-8-16	UTU69060	40	4301334176
UTU87538X	FEDERAL	5-22-8-16	UTU76561	40	4301350083
UTU87538X	FENCELINE FEDERAL	5-23-8-16	UTU74868	40	4301350133
UTU87538X	HAWKEYE FEDERAL	5-27-8-16	UTU73088	40	4301350063
UTU87538X	FEDERAL	5-30-8-16	UTU81000	40	4301334189
UTU87538X	WEST POINT FEDERAL	5-31-8-16	UTU74389	40	4301334197
UTU87538X	FEDERAL	6-21-8-16	UTU69060	40	4301350031
UTU87538X	FEDERAL	6-22-8-16	UTU76561	40	4301350084
UTU87538X	HAWKEYE FEDERAL	6-27-8-16	UTU73088	40	4301350064
UTU87538X	FEDERAL	6-30-8-16	UTU81000	40	4301334188
UTU87538X	WEST POINT FEDERAL	6-31-8-16	UTU74389	40	4301334196
UTU87538X	FEDERAL	6-35-8-15	UTU67168	40	4301334247
UTU87538X	FENCELINE FEDERAL	7-22-8-16	UTU <b>7</b> 4868	40	4301350091
UTU87538X	HAWKEYE FEDERAL	7-27-8-16	UTU73088	40	4301350058
UTU87538X	FEDERAL	7-35-8-15	UTU67168	40	4301334248

	I	<del></del>	<del></del>			
UTU87538X	FEDERAL	8-21-8-16	UTU69060	40	4301350032	
UTU87538X	FENCELINE FEDERAL	8-22-8-16	UTU74868	40	4301350092	
UTU87538X	FEDERAL	8-35-8-15	UTU67168	40	4301334249	
UTU87538X	FEDERAL	9-20-8-16	UTU77339	40	4301350089	
UTU87538X	HAWKEYE FEDERAL	9-22-8-16	UTU73088	40	4301350093	
UTU87538X	FEDERAL	9-35-8-15	UTU67168	40	4301334250	
UTU87538X	GMBU	G-32-8-16	STATE	20	4301350835	*
UTU87538X	GMBU	H-32-8-16	STATE	20	4301350836	75140 75140
UTU87538X	GMBU	L-32-8-16	STATE	20	4301350837	>2:416-
UTU87538X	GMBU	Q-32-8-16	STATE	20	4301350838	>5+100 >5+100
UTU87538X	GMBU	R-32-8-16	STATE	20	4301350839	7 S1+10



## **United States Department of the Interior**

BUREAU OF LAND MANAGEMENT
Green River District
Vernal Field Office
170 South 500 East
Vernal, UT 84078
http://www.blm.gov/ut/st/en/fo/vernal.html



OCT 2 8 2013

IN REPLY REFER TO: 3160 (UTG011)

Mandie Crozier Newfield Production Company Route 3, Box 3630 Myton, UT 84052

Re: Request to Rescind Approved APD

Well No. Federal 16-19-8-16 SESE, Sec. 19, T8S, R16E Duchesne County, Utah Lease No. UTU-73089

43 013 34167

Dear Ms. Crozier:

The Application for Permit to Drill (APD) for the above-referenced well was approved on July 22, 2011. This office is rescinding its approval of the referenced Application for Permit to Drill per your request to this office in an email message to Land Law Examiner Robin Hansen received on August 27, 2013. If you intend to drill at this location in the future, a new Application for Permit to Drill must be submitted.

This office requires a letter confirming that no surface disturbance has been made for this drill site. Any surface disturbance associated with the approved location of this well is to be rehabilitated. A schedule for this rehabilitation must be submitted to this office. Your cooperation in this matter is appreciated.

If you have any questions regarding APD processing, please contact Leslie Buhler at (435) 781-3432.

Sincerely,

Jerry Kenczka

Assistant Field Manager Lands & Resource Minerals

REVENER

NOV 0 4 20:3

DIV.OFOIL, GAS & MINING

